

CLAIMS

I claim:

- 1 1. A chassis for limiting electromagnetic interference from and dissipating
2 heat generated by computer components within a computer, the chassis comprising:
3 a panel on a side of the chassis, the panel having an opening; and
4 a mesh screen attached to the panel and covering the opening, the mesh
5 screen suitable for blocking electromagnetic interference emissions
6 from computer components within the chassis.
- 1 2. The chassis of claim 1, wherein the computer chassis is a chassis for a
2 small form factor computer.
- 1 3. The chassis of claim 1, wherein the mesh screen comprises a thermally
2 conductive material.
- 1 4. The chassis of claim 3, wherein the mesh screen comprises a metal.
- 1 5. The chassis of claim 1, wherein the mesh screen is attached to the panel
2 by screws.
- 1 6. The chassis of claim 1, wherein the mesh screen has a gauge of at least
2 200 dots per square inch.

1 7. The chassis of claim 1, wherein the opening in the panel has a rectangular
2 shape and comprises at least one half the area of the panel.

1 8. The chassis of claim 7, wherein the mesh screen is secured to the panel on
2 the chassis by a screw near each corner of the rectangular opening around, the mesh
3 screen mounted to an interior side of the panel.

1 9. The chassis of claim 1, wherein the computer components within the
2 computer are visible from outside the computer through the mesh screen.

1 10. A method of limiting electromagnetic interference from and dissipating
2 heat generated by computer components within a computer chassis having a porous
3 window, the method comprising the steps:
4 directing air flow from within the chassis out of the chassis through the
5 window, thereby cooling the computer components; and
6 preventing electromagnetic interference emissions generated by the computer
7 components from escaping the chassis through the window by
8 blocking the emissions with the window.

1 11. The method of claim 10, wherein the chassis is a chassis for a small form
2 factor computer.

1 12. The method of claim 10, wherein the interior of a computer is visible
2 from outside the computer through the porous window.

1 13. The method of claim 10, porous window has a hole density of at least 200
2 per square inch.